

Session Program

17-21 Sept 2017



EUCAS 2017

Poster : 3LP1 - Fusion Magnets and Cables

Geneva, CIG

Wednesday 20 September

13:30

Poster : 3LP1 - Fusion Magnets and Cables

Poster Session | Location: Geneva, CIG

3LP1-01 High current densities in round HTS CrossConductors of more than 500 A/mm² at 4.2 K, 12 T

Speaker

Michael J. Wolf

3LP1-02 Experimental study on Bi-2212 CIC conductor

Speaker

Huajun Liu

3LP1-03 Re-examination of refrigeration power of the LHD cryogenic system after 18 years of operation

Speaker

Toshiyuki Mito

3LP1-05 Thermal-hydraulic characterization of the ITER Toroidal Field Insert coil

Speaker

Alberto Brighenti

3LP1-06 Multi-Tape Stack High Current Cable for No-Insulation HTS Fusion Magnet

Speaker

Seungyong Hahn

3LP1-08 Secondary Phases Quantification And Fracture Toughness At Cryogenic Temperature Of Austenitic Stainless Steel Welds For High Field Superconducting Magnets

Speaker

Ignacio Aviles

3LP1-10 NDT Status Of PF-1 Coil Welds

Speaker

Igor Sokolov

3LP1-11 Mechanical analysis of the ENEA TF coil proposal for the EU DEMO fusion reactor

Speaker

Francesco Giorgetti

3LP1-12 Performance analysis of the first PF coils design for the EU DEMO fusion reactor

Speaker

Andrea Zappatore

3LP1-13 Winding & Forming Technology Development for CFETR Central Solenoid Model Coil

Speaker
Houxiang Han

3LP1-14 Experimental study of steady-state transverse heat transfer in a single channel CICC

Speaker
Monika Lewandowska

3LP1-15 R&D of the Helium Inlet for the CFETR Central Solenoid Model Coil

Speaker
Aihua Xu

3LP1-16 Thermal-Hydraulic Analysis of the DEMO CS coil

Speaker
Aleksandra Dembkowska

3LP1-17 Thermal-hydraulic test of the ENEA TF conductor sample for the EU DEMO fusion reactor

Speaker
Roberto Bonifetto

15:30